Attorney's Docket No.:10559-293001/P9300-ADI APD1810-1-US

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Applicant: Charles P. Roth et al.

Art Unit : 2183

Serial No.: 09/675,066

Examiner: Tonia L. Meonske

Filed

: September 28, 2000

Title

: ARRAY SEARCHING OPERATIONS

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is a Response to the Office Action, faxed this 15th day of November, 2004, to the United States Patent and Trademark Office.

Respectfully submitted,

Date: November 15, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Charles P. Roth et al.

Art Unit: 2183

Serial No.: 09/675,066

Tonia L. Meonske Examiner:

Assignee : Intel Corporation

Analog Devices, Inc.

Filed Title : September 28, 2000 : ARRAY SEARCHING OPERATIONS

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Mail Stop Amendment Commissioner for Patents P.O. Box 1450

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### AMENDMENT

In response to the Office action mailed August 13, 2004, please amend the application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 14 of this paper.

#### CERTIFICATI. OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Fatent and Trademark Office on the date indicated below.

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